

**SPECIFICATION AMENDMENTS**

Please replace the Abstract with the attached amended/substitute Abstract.

Please replace paragraph [0063] with the following amended paragraph:

[0063] Figure 7 is a flow diagram showing process steps according to the invention. Exemplary method 700 starts in step 705 and then proceeds to step 710, where the next hop is looked up and a first query is created. Exemplary method 700 then proceeds to step 715, where the first query is encapsulated. Following step 715, exemplary method 700 proceeds to step 720, where the query is terminated at the next hop and the query is forwarded to a trace route entity. Exemplary method 700 then proceeds to step 725, where a time stamp is added. After adding a time stamp, exemplary method 700 proceeds to step 730, where the next hop to the destination is looked up. Following step 730, exemplary method 700 proceeds to step 735, where a response message is created. Exemplary method 700 then proceeds to step 740, where the response message is encapsulated and sent to the source. Following step 740, exemplary method 700 proceeds to step 745, where the response message is terminated. After terminating the response message, exemplary method 700 proceeds to step 750, where a next query message is created. Exemplary method 700 then proceeds to step 755, where the next query message is encapsulated and sent to the next hop. Exemplary method 700 then proceeds to step 760, where the preceding steps are repeated until null is received in the response message. Exemplary method 700 then proceeds to step 765, where the route and time results are displayed.